

Interpretive Program Outline

Your Name:	S. Becker	Park:	WEDI
Program title: (fill this in last)	Metamorphosis Relay!		

Theme Statement: (complete sentence to summarize program and why it is important)

Butterflies and moths go through significant changes very quickly in their lifetime, known as metamorphosis.

Audience: All ages, best for ages 4-8; can be structured as a relay race between teams (for large groups) or done individually (at special events or festivals)

Goal(s): (why you are doing the program)

- Participants will learn that metamorphosis means “to change”
- Participants will learn the four stages of the butterfly lifecycle
- Participants will understand the significant changes butterflies go through in each stage by acting them out.
- *Note- program is set up for a butterfly life cycle, moths can be substituted in with the change of “chrysalis” to “cocoon” and minor details where appropriate

Introduction: (grabs attention, states theme, explains how program is organized)

Butterflies and moths go through significant changes very quickly in their lifetime, known as metamorphosis. We are going to discover the four stages in a butterfly’s life and then try it out for ourselves!

Body: (your main points or subthemes – 4 or fewer recommended)

Using a diagram or props go through the four stages of complete metamorphosis

- What is metamorphosis?? It means to change!
- Here are the basics: Butterflies lay eggs on plant leaves that hatch into caterpillars that eat, eat, and eat! Then when they are big enough, the caterpillars make a chrysalis to COMPLETELY transform inside of. When they break out, they have CHANGED into an adult butterfly! They stretch their wings, and then fly to flowers to get food & eventually lay an egg to start everything all over.
- Metamorphosis Relay! (see below for details) – walk the teams through what to do first; the more you get into acting it out, the more your participants will!

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Conclusion: (reinforce the theme and encourage future participation)

- Now that you've tried metamorphosis for yourself, what was it like? Fun? A lot to do?
- Can you imagine what it's like for butterflies to do this? How would it be different from what we did? Would it be harder? (don't forget about predators!)
- Where can you find butterflies going through metamorphosis? On plants, in gardens, near mud puddles, in the forest, in your State Park! We will be having another program on... come back and see us then!

Audiovisuals: (make sure everyone can see and experience the props)

Laminated cards giving directions at each "station", butterfly wings, potato sacks, hula hoops, fake leaves & flowers, butterfly puppet & visual aides for depicting life cycle

Audience Participation: (think of ways to include audience)

Relay race or moving through metamorphosis stations; if done as a race, make the emphasis on everyone getting to do it, not on who gets done first.

Metamorphosis Relay!

- Divide participants into even teams and set up the four metamorphosis stations in a line in front of each team.
- One person from each team must go completely through metamorphosis and return to their team before the next team member can go.

Station Set-up:

- Egg Station: Place a hula-hoop on the ground to represent an eggshell. Place Direction cards on the ground near each station to remind participants of what to do.
- Caterpillar Station: Place fake (or real) leaves on the ground in a group. Allow some space between the hula-hoop and the leaves so participants have space to "crawl" back and forth.
- Pupa Station: Place an empty potato sack/feed bag/etc on the ground for the chrysalis that participants must climb into.
- Adult Station: Place fake/life size butterfly wings on the ground for participants to put on once they emerge from chrysalis. Also, place fake flowers on the ground farther from the wings and poker chips even farther away from the flowers.

Directions for participants:

- Egg Station: Crouch down in the hula-hoop and count to 10. Act out hatching out of the eggshell (stretch out) then get on back in "crab walk" position.
- Caterpillar Station: "crab walk" out of the eggshell and over to leaves. Pick up one

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leaf at a time & crawl back to eggshell. Must pick up 3 leaves before can move to pupa station.

- Pupa Station: crawl to potato sack & climb inside. Count to 10.
- Adult Station: Wiggle out of the potato sack to emerge and put on the butterfly wings. Flap your arms 3 times to act out “setting” your wings. Walk to flowers, pick up one flower at a time and carry it to where poker chips are laid on the ground. Must pick up 3 flowers before you can pick up your egg (poker chip) and take it back to the first egg station.
- Once the “butterfly” has taken the chip to the egg station, the next team member can begin.

Behind the scenes: facilitators will go behind each participant and “reset” items for the next team member to go through. (put leaves back in a pile, put flowers back in a pile, help participant take off wings & return it to adult station once they have finished)